

Melanie

Melanie 7.0 offers a unique and flexible interface for the comprehensive visualization, exploration and analysis of 2D gel data. It provides powerful and innovative solutions to shorten the path from data acquisition to protein information, both for conventional 2-DE and DIGE (Fluorescence Difference Gel Electrophoresis) gels.

Version 7.0 of the Melanie software offers an entirely revised user interface and user interaction modes that streamline the analysis process, resulting in major usability and speed enhancements. Melanie 7.0 improves the way researchers analyze their 2-D electrophoresis gels to identify protein markers of interest. It avoids inaccuracies due to manual spot editing and minimizes repetitive match editing tasks. It helps reduce time spent finding significant protein expression changes and increases the reliability of the results.

Melanie supports all 2-D gel image standards, including MEL, GEL, IMG, GSC, 1SC, and TIFF and enables direct image acquisition from Twain-compatible scanners. The software is also integrated with LabScan™ 6.0, a 2-D gel-scanning tool developed by the same team at the Swiss Institute of Bioinformatics (SIB) that enables seamless transfer of images from the GE Healthcare ImageScanner™ to Melanie. Thus, the 2-D image analysis suite manages the entire workflow from image acquisition to the discovery of biologically important proteins.

Melanie 7.0 offers the following benefits:

- Flexible, user-friendly interface
- Supports all 2-D gel image formats, including GEL, MEL, IMG, GSC, 1SC and TIFF
- Compatible with many electrophoresis products
- Import/export in Text, Excel™ and XML format
- Powerful Undo/Redo
- Annotation capabilities to link gel objects to external search engines or databases
- pI and MW Calibration
- Excellent customer support backed by committed Melanie team

